INDEX TO THE AMERICAN CARTOGRAPHER

Volume 13 1986

This index includes all principal articles and all news items published in Volume 13 (1986) of *The American Cartographer*. Principal articles are indexed by title and author, other items by title only. Articles are referenced only by the first author's name. For the convenience of persons referring to unbound numbers of this journal, the issue number has been included after the volume number, followed by page numbers. The following summarizes page contents:

Volume 13: January 1986, No. 1, (pages 1–96) April 1986, No. 2, (pages 97–192) July 1986, No. 3, (pages 193–288) October 1986, No. 4, (pages 289–384)

ARTICLES

A Linear View of the World: Strip Maps as a Unique Form of Cartographic Representation, ALAN M. MACEACHREN, 13:1, 7-25

A Statistical Analysis of Mathematical Measures for Linear Simplification, ROBERT B. MCMASTER, 13:2, 103-16

Alternative Designs for Dot-Matrix Printer Maps, GREGORY A. PLUMB and TERRY A. SLOCUM, 13:2, 121-33

Bivariate Choropleth Mapping: The Effects of Axis Scaling, LAURENCE W. CARSTENSEN JR., 13:1, 27-42

CARSTENSEN, LAURENCE, W. JR., Bivariate Choropleth Mapping: The Effects of Axis Scaling, 13:1, 27-42

CARSTENSEN, LAURENCE W. JR., Hypothesis Testing Using Univariate and Bivariate Choropleth Maps, 13:3, 231-51

Computer Executed Production of a Regular Grid of Height Points From Digital Contours, PINHAS YOELI, 13:3, 219-29

DAHLBERG, RICHARD E. and JOHN R. JENSEN, Education for Cartography and Remote Sensing in the Service of an Information Society, 13:1, 51-71

EASTMAN, J. RONALD, Opponent Process Theory and Syntax for Qualitative Relationships in Quantitative Series, 13:4, 324-33

EDNEY, MATTHEW H., Politics, Science, and Government Mapping Policy in the United States 1800-1925, 13:4, 295-306

Education for Cartography and Remote Sensing in the Service of an Information Society, RICHARD E. DAHLBERG and JOHN R. JENSEN, 13:1, 51-71

GILMARTIN, PATRICIA P., Maps, Mental Imagery, and Gender in the Recall of Geographical Information, 13:4, 335-44

Gray Tone Versus Line Plotter Area Symbols: A Matching Experiment, TERRY A. SLOCUM and ROBERT B. MCMASTER, 13:2, 151-64

Hypothesis Testing Using Univariate and Bivariate Choropleth Maps, LAURENCE W. CARSTENSEN, JR., 13:3, 231-51

Interpolation of Point Values from Isoline Maps, DAVID R. LEGATES and CORT J. WILL-MOTT, 13:4, 308-23

LAVIN, STEPHEN, Mapping Continuous Distributions Using Dot-Density Shading, 13:2, 140-50

LEGATES, DAVID R. and CORT J. WILL-MOTT, Interpolation of Point Values from Isoline Maps, 13:4, 308-23

MACEACHREN, ALAN M., A Linear View of the World: Strip Maps as a Unique Form of Cartographic Representation, 13:1, 7-25

Mapping Continuous Distributions Using Dot-Density Shading, STEPHEN LAVIN, 13:2, 140-50

Maps, Mental Imagery, and Gender in the Recall of Geographical Information, PATRICIA P. GILMARTIN, 13:4, 335-44

MCMASTER, ROBERT B., A Statistical Analysis of Mathematical Measures for Linear Simplification, 13:2, 103-16

Measuring the Similarity of Map Projections, WALDO R. TOBLER, 13:2, 135-39

Opponent Process Theory and Syntax for Qualitative Relationships in Quantitative Series, J. RONALD EASTMAN, 13:4, 324-33

PLUMB, GREGORY A. and TERRY A. SLOCUM, Alternative Designs for Dot-Matrix Printer Maps, 13:2, 121-33

Politics, Science, and Government Mapping Policy in the United States 1800-1925, MATTHEW H. EDNEY, 13:4, 295-306 Polycylindric Map Projections, WALDO R. TOBLER, 13:2, 117-20

Pseudo-Cartograms, WALDO R. TOBLER, 13:1, 43-50

SLOCUM, TERRY A. and ROBERT B. MCMASTER, Gray Tone Versus Line Plotter Area Symbols: A Matching Experiment, 13:2, 151-64

SPRINSKY, WILLIAM H. and JOHN P. SNYDER, The Miller Oblated Stereographic Projection for Africa, Europe, Asia, and Australasia, 13:3, 253-61

The Construction of Tactual Maps, EUGENE TURNER and JOHN C. SHERMAN, 13:3, 199-218

The Miller Oblated Stereographic Projection for Africa, Europe, Asia and Australasia, WIL-LIAM H. SPRINSKY, and JOHN P. SNYDER, 13:3, 253-61

TOBLER, WALDO R., Pseudo-Cartograms, 13:1, 43-50

TOBLER, WALDO R., Polycylindric Map Projections, 13:2, 117-20

TOBLER, WALDO R., Measuring the Similarity of Map Projections, 13:2, 135-39

TURNER, EUGENE and JOHN C. SHERMAN, The Construction of Tactual Maps, 13:3, 199-218

YOELI, PINHAS, Computer Executed Production of a Regular Grid of Height Points from Digital Contours, 13:3, 219-29

BOOK NOTES

A Geographical Bibliography for American Libraries, 13:2, 181

Atlas of North America: Space Age Portrait of a Continent, 13:4, 367

Graphische Semiologie: Diagramme, Netze, Karten, 13:2, 181

Guide to U.S. Map Resources, 13:4, 367

Guides to Major International Cities, 13:1, 91

History of Cartography, 13:4, 367

International Directory of Current Research in the History of Cartography and in Carto-Bibliography, 13:1, 91

Map Collections in the United States and Canada, 13:1, 91

Rating Places: A Geographer's View on Quality of Life, 13:2, 181

Standard Highway Mileage Guide, 13:2, 181 Survey Research for Geographers, 13:1, 91

The Discovery of the World: Maps of the Earth and the Cosmos, 13:2, 181

The Look of Maps: An Examination of Cartographic Design, 13:3, 280

The Vermont Road Atlas and Guide, 13:2, 181
Tooley's Dictionary of Mapmakers, Supplement,

13:4, 367

BOOK REVIEWS

Atlas of Antebellum Southern Agriculture, Sam B. Hilliard (BORDEN D. DENT), 13:3, 278–80 An Atlas of Nuclear Energy: A Non-Technical Portrait of Commercial Nuclear Energy, John

M. Ball (ROBERT B. KENT), 13:2, 177-179 An Atlas of Renewable Energy Resources in the United Kingdom and North America, Julian Mustoe (ROBERT B. KENT) 13:2, 177-79

Atlas of Landforms, H. Allen Curran and others (STEPHEN LAVIN), 13:2, 177

Atlas of Oregon Lakes, Daniel M. Johnson and others (JOHN R. PARSONS), 13:4, 362-63

Basic Cartography for Students and Technicians, International Cartographic Association (THOMAS W. HODLER), 13:1, 86-87

Basic Graphics and Cartography, Claude Z. Westfall (RICHARD E. GROOP), 13:4, 362

Big Blue Marble Atlas, Paula S. Brown and Robert L. Garrison (BARBARA G. SHOR-TRIDGE), 13:1, 87-88

Computer Mapping: Progress in the '80s, James R. Carter (POH CHIN LAI), 13:2, 173-74

Computer Programming for Geographers, David J. Unwin and John A. Dawson (GLEN R. WILLIAMSON), 13:3, 277-78

Elements of Cartography, Arthur H. Robinson and others, (WILLIAM G. LOY), 13:3, 275-76 Graphicacy and Geography Teaching, David Boardman (ELAINE F. BOSOWSKI), 13:4.

Hammond Large Type World Atlas, Hammond Incorporated (BARBARA G. SHORTRIDGE), 13:1, 88

Picture Atlas of the World, Bruce Ogilvie and Douglas Waitley (BARBARA G. SHOR-TRIDGE), 13:1, 88

Proceedings of the International Symposium on Spatial Data Handling, Duane F. Marble, Kurt Brassel, and Dieter Steiner (BARBARA P. BUTTENFIELD), 13:1, 89-90

Project Work in the Geography Curriculum, John R. Beaumont and Stephen W. Williams (ELAINE F. BOSOWSKI), 13:2, 174-75

Raster Scanning, Processing and Plotting of Cartographic Documents, Donna J. Peuquet and A. Raymond Boyle (RICHARD M. SMITH), 13:1, 90-91

Sir Francis Drake and the Famous Voyage 1577-1580, Norman J. W. Thrower, ed. (ANNE GODLEWSKA), 13:2, 175-77

Spatial Data Analysis by Example, Volume I: Point Pattern and Quantitative Data, Graham J. G. Upton and Bernard Fingleton (ARTHUR GETIS), 13:4, 363-65

Statistics and Data Analysis in Geology, John C.
Davis (MARK S. MONMONIER), 13:4,
365-66

Strategic Atlas: A Comparative Geopolitics of the

World's Powers, Gerard Chaliand and Jean-Pierre Rageau (JUDITH A. TYNER), 13:2, 179-80

Technological Transition in Cartography, Mark S. Monmonier (ALAN M. MACEACHREN), 13:3, 276-77

The Franklin Watts Atlas of North America and the World, George Philip and Son, Ltd. (BAR-BARA G. SHORTRIDGE), 13:1, 88-89

The New State of the World Atlas, Michael Kidron and Ronald Segal (DENIS WOOD), 13:2, 172-73

The Viking Children's World Atlas: An Introductory Atlas for Young People, Jacqueline Tivers and Michael Day (BARBARA G. SHOR-TRIDGE), 13:1, 87

The Wonderful World of Maps, James F. Madden (BARBARA G. SHORTRIDGE), 13:1, 88

CARTOGRAPHIC NEWS

12th International Conference on the History of Cartography, 13:4, 306

1986 ASPRS-ACSM Fall Convention, 13:3, 230 ACSM-ASPRS Annual Meeting 1987, 13:3, 252 ACSM-ASPRS Fall Meeting 1987 Call for Papers, 13:4,

ACSM-ASPRS Spring Convention, 13:1, 80 ACSM-ASPRS Spring Convention 1987, 13:4,

Andrew McNally Award for Year 1985, 13:3, 251 EOSAT Takes Over Operation of Earth Resource Satellites, 13:1, 50

Expert Systems: Research and Applications Journal, 13:3, 280

FIG Congress to be Held in Canada, 13:1, 25 Geocarto International Journal, 13:3, 274

International Directory of Tactile Map Collections, 13:2, 167

International Symposium on Mapping from Modern Imagery, 13:1, 25

International Symposium on Remote Sensing for Resources Development and Environmental Management, 13:1, 85

National Geographic, AAG to Publish Revised and Expanded Bibliography, 13:1, 50

Professor Eduard Imhof Dies, 13:3, 283
Ragland Forms Mapping Services Firm, 13:1, 79
Supercore American University Creat Pro-

Synercom Announces University Grant Program, 13:1, 85 Upcoming Meetings, 13:2, 171

User Notes Available from EOSAT, 13:4, 344 XIIth National Surveying Teachers Conference, 13:4, 361

COMMUNICATIONS FROM READERS

Education for Cartography and Remote Sensing in the Service of an Information Society: A

Comment, NORMAN J. W. THROWER and ROBERT B. MCMASTER, 13:4, 372-73

ICA

1987 ICA Conference—Call for Papers, 13:2, 164 1987 ICA National Report—Call for Materials, 13:1, 42

ICA and Related Publications, 13:2, 188–89
U.S. National Committee for ICA, 13:2, 186

U.S. Officers and Committee, Commission, and Working Group Participants, 13:2, 186-87

RECENT LITERATURE

13:1, 92-95

13:2, 182-85

13:3, 284-87

13:4, 374-79

SOFTWARE REVIEWS

ATLAS AMP, Strategic Locations Planning (Barbara P. Buttenfield), 13:4, 352-55

AutoCAD Drafting Package, Autodesk, Inc. (JOEL L. MORRISON and GERARDO MEN-DOZA), 13:3, 269-74

MAPEDIT, Strategic Locations Planning (Poh-Chin Lai), 13:4, 358-60

MICROPIPS Personal Image Processing System, The Telesys Group, Inc. (JOHN R. JENSEN), 13:1. 81-85

Prodesign II: The Easy to Use CAD System, Robert Webster (FRANK GOSSETTE), 13:2, 168-71

RANDMAP, Rand McNally & Company (Poh-Chin Lai), 13:4, 355-58

The Golden Graphics System, Golden Software, Inc. (THOMAS W. HODLER), 13:3, 266-69

SPECIAL REPORTS

Mark II: The Next Step in Digital System Development at the U.S. Geological Survey (LO-WELL E. STARR), 13:4, 368-71

Workshop on Fundamental Research Needs in Surveying, Mapping, and Land Information Systems (LAURENCE W. CARSTENSEN JR.), 13:3, 281–83

TECHNICAL NOTES

An Innovative World Map Projection, ALAN A. DELUCIA and JOHN P. SNYDER, 13:2, 165-67

Computer Generated Templates for the Construction of Landform Relief Models, J. RONALD EYTON, 13:4, 345-51

Preparation of the National Resources Inventory Data Base for Ground-Truthing Satellite-Collected Land-Use and Land-Cover Data, BRUCE E. HERRING, 13:3, 262-65 Processing Techniques for the Production of an Experimental Computer-Generated Shaded-Relief Map, DAMON D. JUDD, 13:1, 72-79

MISCELLANEOUS

Advertising in The American Cartographer, 13:1, 91

Advertising in The American Cartographer, 13:2, 191

Advertising in The American Cartographer, 13:3, 288

Advertising in The American Cartographer, 13:4, 384

Editorial Policies, 13:2, 190 Editorial Report, 13:4, 380

Advertising in 'The American Cartographer'

To assist members in keeping abreast of new developments in cartographic instruments, equipment, and services as well as to afford suppliers of such items an advertising medium ideally suited for their market, the pages of *The American Cartographer* are open to commercial advertising. For rates and data, write or call: Publications Director, American Congress on Surveying and Mapping, 210 Little Falls St., Falls Church, Va. 22046. (703) 241-2446.

C&G Software	Kern
Carl ZeissCover 2	US GeoData307
Energy ImagesCover 3	Wild HeerbruggCover 4
V 2001	

